

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
LUCONI1**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/048013INTERNATIONAL APPLICATION NO.
PCT/EP00/07108INTERNATIONAL FILING DATE
25 July 2000PRIORITY CLAIMED
26 July 1999

TITLE OF INVENTION

PROCESS FOR THE IMPROVEMENT OF SPERMATOZOA FERTILIZATION ACTIVITY.

APPLICANT(S) FOR DO/EO/US

Michaela LUCONI et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [xx] This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. [] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. [xx] This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. [xx] The US has been elected in a Demand by the expiration of 19 months from the priority date (PCT Article 31).
5. [xs] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [] is attached hereto (required only if not transmitted by the International Bureau).
 - b. [xx] has been communicated by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. [xx] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] have been communicated by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [xx] have not been made and will not be made.
8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. [] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [] An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [] A **FIRST** preliminary amendment.
- [] A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. [] A substitute specification.
15. [] A change of power of attorney and/or address letter.
16. [xx] Other items or information:
 - [xx] Courtesy copy of the International Application as filed.
 - [xx] Courtesy copy of the first page of the International Publication (WO 01/07021).
 - [xx] Courtesy copy of the International Preliminary Examination Report. There were no annexes.
 - [xx] Formal drawings, 7 sheets, Figures 1-7.
 - [xx] Courtesy Copy of the International Search Report.
 - [xx] The application is (or will be) assigned to: Applied Research Systems ARS Holding N.V., whose address is Pietermaai 15, Curacao, Netherlands Antilles.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/048013</div>		International Application No. PCT/EP00/07108		Attorney's Docket No. LUCONI1	
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17. [xx] The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a)(1)-(5): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1040.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO.....\$890.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$740.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4).....\$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div>	<div style="text-align: center; font-weight: bold;">CALCULATIONS PTO USE ONLY</div>																															
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [XX] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	\$ 890.00																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Claims as Originally Presented</th> <th style="width: 15%;">Number Filed</th> <th style="width: 15%;">Number Extra</th> <th style="width: 15%;">Rate</th> <th style="width: 15%;"></th> <th style="width: 10%;"></th> </tr> <tr> <td>Total Claims</td> <td>33 - 20</td> <td>13</td> <td>X \$18.00</td> <td>\$ 234.00</td> <td></td> </tr> <tr> <td>Independent Claims</td> <td>7 - 3</td> <td>4</td> <td>X \$84.00</td> <td>\$ 336.00</td> <td></td> </tr> <tr> <td>Multiple Dependent Claims (if applicable)</td> <td></td> <td></td> <td>+\$280.00</td> <td>\$</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1,590.00</td> <td></td> </tr> </table>	Claims as Originally Presented	Number Filed	Number Extra	Rate			Total Claims	33 - 20	13	X \$18.00	\$ 234.00		Independent Claims	7 - 3	4	X \$84.00	\$ 336.00		Multiple Dependent Claims (if applicable)			+\$280.00	\$		TOTAL OF ABOVE CALCULATIONS =				\$ 1,590.00		\$ 130.00	
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Independent Claims	- 3		X \$84.00	\$																												
TOTAL OF ABOVE CALCULATIONS =				\$1,590.00																												
Reduction of 1/2 for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.	\$																															
<div style="text-align: right;">SUBTOTAL =</div>	\$1,590.00																															
Processing fee of \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	\$																															
<div style="text-align: right;">TOTAL NATIONAL FEE =</div>	\$1,590.00																															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +	\$																															
<div style="text-align: right;">TOTAL FEES ENCLOSED =</div>	\$1,590.00																															
	Amount to be: refunded charged	\$ \$																														

a. [] A check in the amount of \$_____ to cover the above fees is enclosed.

b. [XX] Credit Card Payment Form (PTO-2038), authorizing payment in the amount of \$ 1,590.00, is attached.

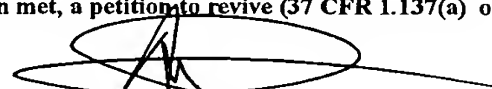
c. [] Please charge my Deposit Account No. 02-4035 in the amount of \$_____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment
 to Deposit Account No. 02-4035. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or
 (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

BROWDY AND NEIMARK, P.L.L.C.
 624 NINTH STREET, N.W., SUITE 300
 WASHINGTON, D.C. 20001
 TEL: (202) 628-5197
 FAX: (202) 737-3528
 Date of this submission: **January 28, 2002**


 SIGNATURE
 Allen C. Yun
 NAME
 37,971
 REGISTRATION NUMBER